

IN THE CLAIMS

Please amend the claims as follows.

1. (Currently amended) An oligonucleotide primer ~~selected from the group~~ consisting of
SEQ ID NO: 27.
2. (Currently amended) A pair of oligonucleotide primers, wherein said pair consists of two
oligonucleotides consisting of said primer of claim 1 SEQ ID NO:27.
3. (Currently amended) A pair of oligonucleotide primers, consisting of:
[[a]] SEQ ID NO:1 and SEQ ID NO: 27.
- 4-7. (Canceled)
8. (Previously presented) A method for the detection of *Cladosporium carpophilum*,
comprising the steps of:
 - (a) isolating DNA from a plant tissue infected with a pathogen;
 - (b) subjecting said DNA to polymerase chain reaction amplification using at
least one primer according to claim 1; and
 - (c) detecting *Cladosporium carpophilum* by visualizing the product or
products of said polymerase chain reaction amplification.
9. (Canceled)
10. (Previously presented) A method for the detection of *Cladosporium carpophilum*,
comprising the steps of:
 - (a) isolating DNA from a plant tissue infected with *Cladosporium*
carpophilum;
 - (b) amplifying a part of the Internal Transcribed Spacer sequence of
Cladosporium carpophilum using said DNA as a template in a polymerase
chain reaction with a pair of primers according to claim 2; and

(c) detecting *Cladosporium carpophilum* by visualizing the amplified part of the Internal Transcribed Spacer sequence.

11. (Canceled)

12. (Currently amended) The method of claim 10, wherein said pair of primers consists of SEQ ID NO:1 and SEQ ID NO: 27 ~~is according to claim 3.~~

13-16. (Canceled)

17. (Original) A diagnostic kit used in detecting a fungal pathogen, comprising the primer of claim 1.

18. (Original) A diagnostic kit used in detecting a fungal pathogen, comprising the pair of primers of claim 2.

19. (Original) A diagnostic kit used in detecting a fungal pathogen, comprising the pair of primers of claim 3.

20-46. (Cancelled)